

ABSTRACT

A transmissible connecting mechanism having a cam plate and a lever are attached respectively to a lead air control valve shaft and an air-fuel mixture throttle valve shaft which are arranged so as to form an angle. A length of a contact element provided in the lever is extended in parallel to an axis of the air-fuel mixture throttle valve shaft, and the length of the contact element is such that the contact element and a cam surface formed in a cam plate are always brought into contact with each other. The lead air control valve shaft and the air-fuel mixture throttle valve shaft of the carburetor are connected in a transmissible manner, and it is possible to make a stratified scavenging two-cycle engine compact.